
Public Meeting
PCB Levels in the Staunton River Watershed
Brookneal Elementary School, Brookneal, VA
Tuesday, August 7, 2007 6:30 pm

AGENDA

1. Introductions (5 min.) Fred DiLella, DEQ
2. Overview of Meeting Arrangement (5 min.) Angela Neilan, DEQ
3. Table rotations (15 min. per table)
4. Wrap-up (15 min.)

Copies of the posters and presentations can be found online soon at:
<http://www.deq.virginia.gov/tmdl/mtgppt.html>

SEND/E-MAIL/FAX your questions or comments to:

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WHAT YOU CAN DO TO IMPROVE WATER QUALITY...

PCBs

- *Were used as coolants and lubricants in transformers, capacitors, fluorescent lighting fixtures and other electrical equipment*
- *PCBs do not readily break down in the environment and may remain there for very long periods of time*
- *Manufacture of PCBs stopped in 1977 due to environmental concerns*
- *Very hydrophobic – attach to organic particles in soil and sediment*
- *Accumulate in the fatty tissues*
- *Listed as probable carcinogen*

Mercury

- *Mercury in the air settles into water or onto land where it can be washed into water.*
- *Methylmercury is a highly toxic form that builds up in fish, shellfish and animals that eat fish.*
- *Fish and shellfish are the main sources of methylmercury exposure to humans.*

Biosolids

- *Treated and processed solid, semisolid, or liquid materials removed during the treatment of domestic sewage in a treatment facility which can be used for fertilizer*
- *DEQ will be taking over the biosolids permitting program on January 1, 2008.*

INFORMATION LINKS TO GET YOU STARTED

PCB Factsheets: ATSDR

<http://www.atsdr.cdc.gov/tfacts17.html>

PCBs: General Information, Health Information, and Regulations

www.epa.gov/pcb

PCB Exposure Pathways: ATSDR

http://www.atsdr.cdc.gov/HEC/CSEM/pcb/exposure_pathways.html

Mercury Study in Virginia

<http://www.deq.virginia.gov/air/va/mercury/vamercurystudy.html>

Fish Tissue Data: Mercury and PCBs

<http://www.deq.virginia.gov/fishtissue>

VDH Fish Advisories

<http://www.vdh.virginia.gov/epidemiology/publichealthtoxicology/Advisories/index.htm>